

## AMENDMENTS TO THE CLAIMS

1. (Currently Amended)      [[A]] In a frame support for a rack or a switchgear cabinet, having an electrification arrangement, ~~which is~~ combined with at least one frame leg (2, 3) or profiled mounting element (4), for at least one of supplying ~~and/or~~ and removing electrical current one of to [[or]] and from connectible devices ~~which can be connected with it, the frame support comprising:~~

~~characterized in that~~

the electrification arrangement [[has]] having at least one separate electrification strip (60) attached to one of a frame leg (2, 3) [[or]] and a profiled mounting element (4), ~~which is~~ formed by a hollow profiled receiving element (6) [[,]] ~~which is~~ at least partially open on a long side and ~~in whose~~ having at least one hollow space in which one of contact rails (10) [[or]] and connection lines (16) are installed ~~in a manner~~ and protected against electric shock[[,]]; and

inserts (7) ~~are provided, which are inserted or can be inserted~~ insertable into the electrification strip (60) and ~~have~~ having plug receivers protected against electric shock for device plugs of [[the]] devices to be connected, ~~as well as~~ and contact elements (7.11), ~~which are or can be brought into electrical contact~~ electrically contactable with the one of the contact rails (10) [[or]] and the connecting lines (16).

Based Upon: PCT/EP2004/001567

2. (Currently Amended) The frame support in accordance with claim 1, wherein ~~characterized in that~~ a profiled insulating element (9), in which the contact rails (10) are embedded and are accessible in a manner protected against electric shock through access openings (9.23) formed in the profiled insulating element (9), ~~has been~~ is inserted into at least one hollow space (6.3, 6.3') of the profiled receiving element (6).

3. (Currently Amended) The frame support in accordance with claim 2, wherein ~~characterized in that~~ the at least one hollow space (6.3) is ~~shaped~~ one of rectangular ~~[[or]]~~ and square in cross section and has a base wall (6.2) located opposite the open longitudinal side, ~~which is~~ adjoined by lateral walls (6.1), ~~[[the]]~~ a bottom (9.3) of a bottom section of the profiled insulated element (9) in which the contact rails (10) are embedded faces one of the base wall (6.2) ~~[[or]]~~ and a lateral wall (6.1), and the contact rails (10) ~~can be brought into contact~~ are contactable with the contact elements (7.11) via access openings (9.23), which are ~~[[kept]]~~ narrow for electric shock protection and ~~have been~~ cut into the bottom section of ~~[[the]]~~ a side located opposite ~~[[the]]~~ a bottom side.

Based Upon: PCT/EP2004/001567

4. (Currently Amended) The frame support in accordance with claim ~~[[2 or]]~~ 3, wherein ~~characterized in that~~ the insulated profiled element (9) is fixed in place in the profiled receiving element (6) by ~~means of~~ snap-in structures (9.21, 9.22, 9.22') ~~arranged on it~~ and complementary counter~~[[ - ]]~~ snap-in structures (6.11, 6.11') arranged in the profiled receiving element (6).

5. (Currently Amended) The frame support in accordance with claim 4, wherein ~~characterized in that~~ the snap-in structures (9.21, 9.22, 9.22') and the counter~~[[ - ]]~~ snap-in structures (6.11, 6.11') have steep snap-in flanks opposite ~~[[the]]~~ an insertion direction, ~~so that~~ for preventing removal of the profiled insulating element (9) ~~cannot be removed without being destroyed.~~

6. (Currently Amended) The frame support in accordance with ~~one of claims 2 to~~ claim 5, wherein ~~characterized in that~~ the profiled insulating element (9) ~~has been~~ is assembled from a profiled base insulating part (9.1), ~~which~~ that receives the contact rails (10) in longitudinal chambers and insulates them from each other, and a profiled top insulating part (9.2), ~~which covers~~ covering the contact rails (10) and ~~[[has]]~~ having access openings (9.23).

Based Upon: PCT/EP2004/001567

7. (Currently Amended) The frame support in accordance with ~~one of claims 2 to claim 6, wherein characterized in that~~ the access openings (9.23) of each ~~insert of the inserts~~ (7) are formed by a group of at least two hole-shaped access openings, ~~which are~~ assigned to separate contact rails (10).

8. (Currently Amended) The frame support in accordance with claim 7, ~~wherein characterized in that~~ at least two access openings (9.23) are offset from each other in the longitudinal direction of the profiled insulating element (9).

9. (Currently Amended) The frame support in accordance with ~~one of claims 2 to claim 8, wherein characterized in that~~ the contact elements are ~~designed as~~ contact pins (7.11), ~~which have been~~ matched in size and position to the access openings (9.23).

10. (Currently Amended) The frame support in accordance with ~~one of the preceding claims, characterized in that claim 9, wherein~~ the inserts (7) are ~~provided with~~ have snap-in elements (7.14, 7.14'), ~~by means of which they can be~~

Based Upon: PCT/EP2004/001567

~~fixed in place so they cannot be removed~~ to prevent removal from one of the profiled receiving element (6) ~~[[or]]~~ and the counter~~[[ -]]~~ snap-in elements (6.12, 9.4) formed on the profiled insulating element (9) ~~without being destroyed, or can only be removed~~ except by using a tool or ~~by means of~~ an actuating element (7.13) which releases ~~[[the]]~~ a snapped-in connection.

11. (Currently Amended) The frame support in accordance with ~~one of the preceding claims, characterized in that~~ claim 10, wherein one of at least three contact rails (10) are embedded in the profiled insulating element (9) ~~[[, or]]~~ and three connecting lines (16) ~~are provided, by means of which~~ form at least two separate current supply circuits ~~are formed~~.

12. (Currently Amended) The frame support in accordance with claim 11, wherein ~~characterized in that the~~ a number of the inserts (7) used is ~~or can be distributed~~ distributable over ~~[[the]]~~ different current supply circuits.

Based Upon: PCT/EP2004/001567

13. (Currently Amended) The frame support in accordance with ~~one of the preceding claims, characterized in that the~~ claim 12, wherein a dimension of the inserts (7) in the longitudinal direction of the electrification strip (60) is one of a unit of height ~~[[or]]~~ and a whole-number multiple ~~thereof of the unit of height~~, and the inserts (7) ~~are designed for receiving~~ receive at least one ~~or several~~ appliance ~~plugs~~ plug.

14. (Currently Amended) The frame support in accordance with ~~one of the preceding claims, characterized in that~~ claim 13, wherein the profiled receiving element (6) ~~is provided~~ has on at least one longitudinal side ~~with~~ fastening elements for connection with one of at least one frame leg (2, 3) ~~[[or]]~~ and a profiled mounting element (4, 5).

15. (Currently Amended) The frame support in accordance with claim 14, wherein ~~characterized in that~~ the fastening elements ~~are embodied for each~~ is one of a screw, a clip, a snap-in element, a plug ~~[[or]]~~ and a clamping connection.

Based Upon: PCT/EP2004/001567

16. (Currently Amended) The frame support in accordance with ~~one of the preceding claims, characterized in that~~ claim 15, wherein the profiled receiving element (6) is ~~embodied to be~~ H-shaped in a cross section ~~[[with]]~~ formed ~~by~~ two lateral walls (6.1) and a center wall (6.4), and the inserts (7) are placed into the hollow space (6.3) on a side of the center wall (6.4) facing the user, ~~while~~ and one of the contact rails (10) ~~[[or]]~~ and the connecting lines (16) are placed into the hollow space (6.3') facing away from the user and are accessible through the center wall (6.4).

17. (Currently Amended) The frame support in accordance with claim 16, wherein ~~characterized in that~~ cutouts are ~~provided~~ in the center wall (5.4), into which plug-in couplings (11) are ~~have been~~ inserted ~~in a manner~~ and protected against electric shock, which are accessible from the user side, and at least one plug unit is matched to the plug-in couplings (11) ~~[[is]]~~ arranged on the back of the inserts (7) facing away from the user.

18. (Currently Amended) The frame support in accordance with claim 17, wherein ~~characterized in that~~ two plug-in couplings (11) per insert (7) ~~[[,]]~~ ~~which~~ are spaced apart from each other in the longitudinal direction of the profiled receiving element, ~~are provided~~ and are connected to different current supply

Based Upon: PCT/EP2004/001567

arrangements (7.4, 7.5), and ~~[[the]]~~ backs of the inserts (7) for selecting one of the two current supply arrangements (7.4, 7.5) ~~can be inserted~~ is insertable into the profiled receiving element (6) rotated by 180° and can be connected with the respective plug-in coupling (11).

19. (Currently Amended) The frame support in accordance with ~~one of the preceding claims, characterized in that~~ claim 18, wherein the inserts (7) are modular housings with cap-like closure pieces (7.3) which, from one of the adjoining narrow sides, ~~have been~~ are placed on ~~their ends which are~~ remote from each other in the longitudinal direction, on ~~[[the]]~~ sides of which the snap-in elements (7.14) are formed of one piece with releasable resilient snap-in fingers and actuating elements (7.13) ~~for release~~.

20. (Currently Amended) The frame support in accordance with ~~one of the preceding claims, characterized in that~~ claim 19, wherein an overload release device is integrated into the inserts.



Based Upon: PCT/EP2004/001567

21. (Currently Amended) The frame support in accordance with ~~one of the preceding claims, characterized in that~~ claim 20, wherein at least one electric shock protected current feed-in coupling (12) for the current supply is arranged in an end section of the profiled receiving element (6), and a current feed-in plug ~~matched~~ (13) is matched to the current feed-in coupling (12) and has ~~having~~ a connected current supply cable (14) ~~connected therewith is provided.~~

22. (Currently Amended) The frame support in accordance with claim 21, wherein ~~characterized in that~~ the current feed-in coupling (12) is embodied on or in a feed-in module (15), and a line element for voltage conversion or adaptation, a current limiting device and/or a switching element for the sequential activation of individual inserts (7) is integrated into the feed-in module (15).

23. (Currently Amended) [[A]] The frame support in accordance with claim 1, used for an electrification arrangement for [[a]] the rack or a switchgear cabinet, ~~having a structure in accordance with the characterizing portion of claim 1.~~

Based Upon: PCT/EP2004/001567

24. (Currently Amended) The ~~electrification arrangement~~ frame support in accordance with claim 23, ~~characterized by a design in accordance with the characterizing portion of one of claims 2 to 22~~ wherein the current feed-in coupling (12) is embodied on or in a feed-in module (15), and a line element for voltage conversion or adaptation, a current limiting device and/or a switching element for the sequential activation of individual inserts (7) is integrated into the feed-in module (15).

25. (New) The frame support in accordance with claim 2, wherein the insulated profiled element (9) is fixed in place in the profiled receiving element (6) by snap-in structures (9.21, 9.22, 9.22') and complementary counter snap-in structures (6.11, 6.11') arranged in the profiled receiving element (6).

26. (New) The frame support in accordance with claim 2, wherein the profiled insulating element (9) is assembled from a profiled base insulating part (9.1) that receives the contact rails (10) in longitudinal chambers and insulates them from each other, and a profiled top insulating part (9.2) covering the contact rails (10) and having access openings (9.23).

Based Upon: PCT/EP2004/001567

27. (New) The frame support in accordance with claim 2, wherein the access openings (9.23) of each of the inserts (7) are formed by a group of at least two hole-shaped access openings assigned to separate contact rails (10).

28. (New) The frame support in accordance with claim 2, wherein the contact elements are contact pins (7.11) matched in size and position to the access openings (9.23).

29. (New) The frame support in accordance with claim 1, wherein the inserts (7) have snap-in elements (7.14, 7.14') to prevent removal from one of the profiled receiving element (6) and the counter snap-in elements (6.12, 9.4) formed on the profiled insulating element (9) except by using a tool or an actuating element (7.13) which releases a snapped-in connection.

30. (New) The frame support in accordance with claim 1, wherein one of at least three contact rails (10) are embedded in the profiled insulating element (9) and three connecting lines (16) form at least two separate current supply circuits.

Based Upon: PCT/EP2004/001567

31. (New) The frame support in accordance with claim 1, wherein a dimension of the inserts (7) in the longitudinal direction of the electrification strip (60) is one of a unit of height and a whole-number multiple of the unit of height, and the inserts (7) receive at least one appliance plug.

32. (New) The frame support in accordance with claim 1, wherein the profiled receiving element (6) has on at least one longitudinal side fastening elements for connection with one of at least one frame leg (2, 3) and a profiled mounting element (4, 5).

33. (New) The frame support in accordance with claim 1, wherein the profiled receiving element (6) is H-shaped in a cross section formed by two lateral walls (6.1) and a center wall (6.4), and the inserts (7) are placed into the hollow space (6.3) on a side of the center wall (6.4) facing the user and one of the contact rails (10) and the connecting lines (16) are placed into the hollow space (6.3') facing away from the user and are accessible through the center wall (6.4).

Based Upon: PCT/EP2004/001567

34. (New) The frame support in accordance with claim 1, wherein the inserts (7) are modular housings with cap-like closure pieces (7.3) which, from one of the adjoining narrow sides are placed on ends remote from each other in the longitudinal direction, on sides of which the snap-in elements (7.14) are formed of one piece with releasable resilient snap-in fingers and actuating elements (7.13).

35. (New) The frame support in accordance with claim 1, wherein an overload release device is integrated into the inserts.

36. (New) The frame support in accordance with claim 1, wherein at least one electric shock protected current feed-in coupling (12) for the current supply is arranged in an end section of the profiled receiving element (6), and a current feed-in plug (13) is matched to the current feed-in coupling (12) and has a connected current supply cable (14).